F-7284

Technology Center 2600 Serial No.: 10/047,794 Atty. Docket No.: F-7284 Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office (Rev. 7-80) Applicant: Norio NAKAYAMA, et al. 42-44F (F-49) INFORMATION DISCLOSURE CITATION 2157 Filing Date: January 14, 2002 Group: 2681-(Use several sheets if necessary) **U.S. PATENT DOCUMENTS Document Number** Date Name Class **Subclass Filing Date** Examiner Initial **Appropriate FOREIGN PATENT DOCUMENTS** Class Subclass **Translation Date** Country **Document Number** Yes No 5,5, 1/12/96 JP Y* 8-006795 8/29/00 Y* JP 2000-233078 2001-309440 11/2/01 JP Y* TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. Concise statement of relevance provided in specification. S Concise statement of relevance provided in IDS. P Relevant portion of reference translated. O English abstract only - copy of reference in pct search. OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.) JAN O Technolo, ... **DATE CONSIDERED EXAMINER** W-24-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Atty. Docket No.: F-7284 Serial No.: 10/047,794 U.S. Department of Commerce (Rev. 7-80) Patent and Trademark Office Applicant: Norio NAKAYAMA, et al. 42-44F (F-49) INFORMATION DISCLOSURE CITATION 2157 Filing Date: January 14, 2002 Group: (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** Examiner **Document Number** Date Name Subclass Filing Date Initial **Appropriate FOREIGN PATENT DOCUMENTS Document Number** Country Class Subclass **Translation** 2001-0000645 1/5/01 KR TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. Concise statement of relevance provided in specification. S Concise statement of relevance provided in IDS. P Relevant portion of reference translated. O English abstract only - copy of reference in pct search. OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED \0-24-05 **EXAMINER**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

APR 0 5 2004

Technology Center 2600

DEC 1 5 2004

Technology Center 2600

F-7284

	0	1	P	E	કો
 	DEC	1	0	2004	173 30

1-7201									
Form PTO-1449 U.S. Copyrippent Commerce		Atty. Docket No	.: F-7284	Serial No.: 10/047,794					
(Rev. 7-80) Patent and Fratemark Office		Applicant: Norio NAKAYAMA, et al.							
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Filing Date: Ja	nuary 14, 2002	Group: 2157					
			PATENT DOCUM	ATENT DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
5.).		6,042,476	3/28/00	Ohashi et al.		J			
FOREIGN PATENT DOCUMENTS									
		. Document Number	Date	Country	Class	Subclass	Translation		
							Yes	No	
5.).		1190214A	8/12/98	CN				N^{F}	
TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. Concise statement of relevance provided in specification. Concise statement of relevance provided in IDS. P Relevant portion of reference translated. Century Provided in IDS.									
Nelevant portion of reference translation.									
OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)									
							-		
EXAMINER	INER DATE CONSIDERED 6-24-35								
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in									

JAN 0 3 2003

RECEIVED JAN 0 6 2003

Technology Center 2600

1-1204	73							AT SULL	
Form PTO-1	1449	U.S. Department of Commerce	Atty. Docket No.: F-7284 Serial No.: 10/047,794						
(Rev. 7-80) 42-44F (F-49	9)	Patent and Trademark Office	Applicant: Norio NAKAYAMA, et al.						
INI	FORM	AATION DISCLOSURE CITATION Jse several sheets if necessary)	Filing Date: Jan	auary 14, 2002	Group: 7	Group: 2681			
			PATENT DOCUM	ENTS					
Examiner Initial		Document Number	Date	Name	Class	Subclass	subclass Filing Date If Appropriate		
				· ···· de sales a mangalis.					
	Т—		ON PATENT DOCU				Tenni	1-41-07	
		Document Number	Date	Country	Class	Subclass	Yes	slation No	
3.1.		8-006795	1/12/96	JР			Y*		
٢.٦٠		2000-233078	8/29/00	JP			Y*		
ZJ.		2001-309440	11/2/01	JP			Y*	Ĺ	
TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. C Concise statement of relevance provided in specification. C Concise statement of relevance provided in IDS. P Relevant portion of reference translated. English abstract only - copy of reference in pct search. OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)									
	т	T			·				
	-	RECI							
						JĀN	N P		
EXAMINER	₹	Sallworn		DATE CONSIDERED	10/12	Technolo (5	15. L		
EXAMINER	R: Initia	ial if reference considered, whether or not ci	itation is in conf	ormance with MPEP 60	19; Draw lin	ne through ci	itation if	not in	

DEC 1 5 2004

Technology Center 2600

10/12/05

DATE CONSIDERED

EXAMINER

F-7284 U.S. Debartment & Commerce Patent and Trademark Office Serial No.: 10/047,794 Form PTO-1449 Atty. Docket No.: F-7284 (Rev. 7-80) Applicant: Norio NAKAYAMA, et al. 42-44F (F-49) INFORMATION DISCLOSURE CITATION Group: Filing Date: January 14, 2002 (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** Subclass Class Filing Date **Document Number** Date Name Examiner Initial Appropriate 5.1. Ohashi et al. 3/28/00 6,042,476 FOREIGN PATENT DOCUMENTS Subclass Translation Country Class Date **Document Number** Yes No N_{i} SJ. 8/12/98 CN 1190214A TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. Concise statement of relevance provided in specification. Concise statement of relevance provided in IDS. P Relevant portion of reference translated. English abstract only - copy of reference in pct search. OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

4. IPANSH 449 U.S. Department of Commerce Atty. Docket No.: F-7284 Serial No.: 10/047,794 (Rev. 7-80) Patent and Trademark Office Applicant: Norio NAKAYAMA, et al. 42-44F (F-49) INFORMATION DISCLOSURE CITATION Filing Date: January 14, 2002 Group: (Use several sheets if necessary) U.S. PATENT DOCUMENTS Class **Document Number** Date Name Subclass Examiner Filing Date Initial Appropriate **FOREIGN PATENT DOCUMENTS** Class Date Country **Subclass Translation Document Number** Yes No **4**.J, 2001-0000645 Y* 1/5/01 KR TRANSLATION KEY: * English Abstract. F Concise statement of relevance provided in foreign search report. Concise statement of relevance provided in specification. S Concise statement of relevance provided in IDS. P Relevant portion of reference translated. O English abstract only - copy of reference in pct search. OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.) **DATE CONSIDERED** 10/12/05 **EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

APR 0 5 2004

Technology Center 2600